



COMMONWEALTH of VIRGINIA

Department of Health
DIVISION OF SHELLFISH SANITATION
109 Governor Street, Room 614-B
Richmond, VA 23219

Ph: 804-864-7487
Fax: 804-864-7481

PIANKATANK RIVER, LOWER Growing Area # 034 Shoreline Sanitary Survey Mathews and Middlesex Counties

Date: 15 September 2000
Survey Period: July 10 – September 5, 2000
Total Number of Properties Surveyed: 896
Surveyed By: J.E. Davis and J.D. Dickerson

SECTION A: GENERAL

This survey area extends from Reference Point 35 at Stove Point to Reference Point 36 at the midpoint of the Twigg Bridge to Reference Point 37 at Iron Point, including the Piankatank River shoreline between these three points, Fishing Bay, Moore Creek, Cores Creek, Healy Creek, Wilton Creek, Cobbs Creek, Warehouse Cove and all of their tributaries. This survey boundary has been revised since the last survey. See final map for current boundary.

The topography in this area varies in elevations from 5' or less along the shoreline to a maximum of 80' near the northwestern edge of the survey boundary. The economy is based primarily on service oriented businesses, the boating industry, agriculture and recreation. The population along the shoreline is concentrated in many areas while the rest of the watershed is more evenly dispersed.

Meteorological data indicated that 10.98" of rain fell July 10-31, 5.85" in August, and 3.70" September 1-5 for a total rainfall of 20.53" for the survey period.

The current restrictions on shellfish harvesting are Condemned Shellfish Area #126, Piankatank River: Wilton Creek, revised 2 March 1993, Condemned Shellfish Area #208, Piankatank River: Moore Creek, revised 26 February 1999, Condemned Shellfish Area #129, Piankatank River: Healy Creek, revised 26 February 1999, and Condemned Shellfish Area #170, Piankatank River: Cobbs Creek, revised 2 March 1993. Copies of Bacteriological, Hydrographic and Shellfish Closure data are available at the area office for review. Copies of the current condemnation notices and maps are available via the internet at <http://www.vdh.virginia.gov/oehs/shellfish/>.

J&W Seafood in Deltaville has a septic tank and drainfield system approved by the Environmental Protection Agency's Underground Injection Control Program. The septic system was found to be in satisfactory condition at time of inspection. There was one

campground in the area (Fosters Campground), which was found to be in unsatisfactory condition at time of inspection.

Information in this report is gathered by and primarily for the use of the Division of Shellfish Sanitation, Virginia Department of Health, in order to fulfill its responsibilities of shellfish growing area supervision and classification. However, the data is made available to various agencies participating in shellfish program coordinated activities and other interested parties.

Report copies are provided to the local health department for corrective action of deficiencies listed on the summary page in Sections B.2. and B.3. and the Department of Environmental Quality for possible action at the properties listed on the summary page in Sections C.1. and C.2. The Division of Soil and Water Conservation is provided information on possible sources of animal pollution found in Section E.

This report lists only those properties that have a sanitary deficiency or other environmental significance. ***"DIRECT"*** indicates that the significant activity or deficiency has a direct impact on shellfish waters. Individual field forms with full information on properties listed in this report are on file in the Richmond office of the Division of Shellfish Sanitation and are available for reference until superseded by a subsequent resurvey of the area.

SECTION B: SEWAGE POLLUTION SOURCES

SEWAGE TREATMENT WORKS

37. Occupant: The Coves at Wilton Creek Sewage Treatment Works, Villa Ridge Drive, Hartfield 23071. Owner: The Coves at Wilton Creek, Limited, c/o Gene Kohler, 301 Maple Avenue West, Vienna 22180. Community sewage treatment works serving approximately 42 single family homes, 20 multi-family condominium units and the clubhouse. No contact. Sewage from the houses, condominiums, and clubhouse is collected through a series of septic tanks and force mains. Each residence is provided with a pump, alarm, and flow meter. The effluent is pumped to a 1700 gallon (gal.) dosing tank where it is treated by a low pressure sand filter system. The sand filter system consists of 4 trickling beds approximately 12'x30'x10' deep and provided with both audible and visual alarms that are activated by float switches. The effluent is collected in 2x2200 gal. holding tanks where it is pumped to two subsurface drainfields that are approximately 200'x200'. There are also two 200'x400' and three 200'x200' drainfields on reserve. The secondary holding tank is pumped every four hours. There is an earthen berm surrounding the system. Any overflow will drain into an approximately 2 acre fresh water pond, which drains to Wilton Creek. Drainfields appeared to be in satisfactory condition at time of inspection.

ONSITE SEWAGE DEFICIENCIES

2. CONTRIBUTES POLLUTION, ***DIRECT*** – Location: 901 North Washington Street, Suite 601, Alexandria, VA 22314. Dwelling - tan frame 1 story with white trim and a red shingled roof. No contact. Enclosed outdoor shower drains through a 4" white PVC pipe into Fishing Bay. Sanitary Notice issued 7-12-00 to field #A19.

7. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: 3001 New Kent Highway, Quinton 23141. Dwelling - white cement block 1 story with black trim and a screened porch. No contact. Laundry wastes discharge through a 1" black PVC pipe onto ground. Sanitary Notice issued 7-18-00 to field #A97.
10. CONTRIBUTES POLLUTION – Location: 1811 Huguenot Road, Suite 302, Midlothian 23113. Dwelling - white cement block 1 story with red shutters and a red door. No contact. Septic tank lid cracked, exposing contents. Sanitary Notice issued 7-19-00 to field #A117.
12. CONTRIBUTES POLLUTION – Location: 1125 Mount Carmel Road, Rocky Mount 24151. Dwelling - cream, brown and tan Prowler camper. No contact. Waste discharge hose from camper cracked, exposing contents. Sanitary Notice issued 7-19-00 to field #A123.
16. CONTRIBUTES POLLUTION – Location: PO Box 385, Deltaville 23043. Dwelling - white asbestos shingle 2 story with blue and green trim. 1 person. Septic tank lid removed with a submersible pump and hose attached inside tank. Effluent is pumped to a backyard ditch. Sanitary Notice issued 8-2-00 to field #A172.
17. CONTRIBUTES POLLUTION – Occupant: J&W Seafood of Virginia, Incorporated, Route 33, Deltaville 23043. Owner: Kevin Wade, PO Box 1109, Deltaville. Business - shellfish shucker packer (VA-9SP) and crabmeat processing plant (VA-134C). 15 employees. Plywood lid over holding tank for crab processing waste. Sanitary Notice issued 8-3-00 to field #A179.
19. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – First Baptist Church of Amburg, Route 1103, Deltaville 23043. No contact. Black plastic 2" kitchen pipe from church to septic tank cracked, exposing contents. Sanitary Notice issued 8-3-00 to field #A173.
20. CONTRIBUTES POLLUTION – Fishing Bay Enterprises, PO Box 827, Deltaville 23043-0827. Business - mini mall. No contact. Plywood lids over septic tanks and effluent erupting from drainfield onto ground. Sanitary Notice issued 8-3-00 to field #A185.
21. CONTRIBUTES POLLUTION – Occupant: Galley Restaurant, Route 33, Deltaville 23043. Owner: 10901 Richardson Drive, Ashland 23005. 20 employees. Plywood lids over septic tanks and effluent erupting from distribution box onto ground; and

CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Kitchen wastes discharge through a green plastic pipe into a side ditch. Sanitary Notice issued 8-3-00 to field #A187.
22. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: PO Box 803, Deltaville 23043. Dwelling - brick and white aluminum siding 1 story with a green tin roof. 5 persons. Kitchen and laundry wastes discharge through a 4" black plastic pipe into a side ditch. Sanitary Notice issued 8-9-00 to field #A210.

23. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: PO Box 1046, Deltaville 23043. Dwelling - white aluminum siding 2½ story with grey shutters. No contact. Grease trap lid broken and replaced with a makeshift concrete lid. Sanitary Notice issued 8-9-00 to field #A213.
24. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: PO Box 366, Deltaville 23043. Dwelling - white asbestos siding and cement block 2 story. No contact. Laundry wastes on ground next to back door ramp. Sanitary Notice issued 8-30-00 to field #A218.
25. NO FACILITIES – Location: HCR-01, Box 415A, Deltaville 23043. Dwelling - white house trailer with brown trim. No contact. Sanitary Notice issued 8-9-00 to field #A245.
26. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: PO Box 71, Hardyville 23070. Dwelling - white cement block 1 story with blue and white awnings. 3 persons. Laundry wastes discharge through a 2" grey PVC pipe onto ground. Sanitary Notice issued 8-9-00 to field #A246.
27. CONTRIBUTES POLLUTION – Location: PO Box 73, Hardyville 23070. Dwelling - asphalt shingle 2 story with white trim and a green roof. No contact. Privy undermined, wastes overflowing onto ground. Sanitary Notice issued 8-11-00 to field #A239.
28. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: HCR-01, Box 419B, Deltaville 23043. Dwelling - white frame 1 story with grey trim. 2 persons. Kitchen and laundry wastes overflowing onto ground from grease trap. Plywood lid on grease trap. Sanitary Notice issued 8-23-00 to field #A310.
29. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: PO Box 8, Deltaville 23043. Dwelling - light blue vinyl siding 1 story with white trim and shutters. No contact. Laundry wastes erupting from drainline onto ground. Sanitary Notice issued 9-5-00 to field #A313.
30. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) - Location: HCR 01 Box 415A, Deltaville 23043. Dwelling - yellow vinyl siding 1 story with white trim and brown shutters. 3 persons. Effluent erupting from end of grease trap drainline onto ground. Sanitary Notice issued 8-25-00 to field #569.
34. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) - Location: PO Box 226, Hartfield 23071. Dwelling - white cement block 1 story with green shutters. 1 person. Laundry wastes discharge through a 2" black rubber hose onto ground. Sanitary Notice issued 8-10-00 to field #396.
36. NO FACILITIES, ***DIRECT*** – Occupant: The Coves at Wilton Creek (Villas), end of Heron Cove Drive, Deltaville 23043. Owner: The Coves at Wilton Creek, Limited, c/o Gene Kohler, 301 Maple Avenue West, Suite 600, Vienna 22511. Private community marina. No contact. Sanitary Notice issued 9-12-00 to field #346A

39. CONTRIBUTES POLLUTION, ***DIRECT*** - Robert C. Nelms Estate, c/o Trust Department First National Bank, P.O. Box 600, Christiansburg 24073. Dwelling - white asbestos shingle 2 story. No contact. Waste from house discharges through a 4" black corrugated hose onto ground 30' from Wilton Creek at 15' elevation. Sanitary Notice issued 8-8-00 to field #343.
41. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes), ***DIRECT*** – Occupant: Fosters Campground, Route 701, Cobbs Creek 23035. Owner: PO Box 192, Hartfield 23071. Dwelling - white camper trailer. 1 person. Kitchen waste hose not hooked to dump station. Sanitary Notice issued 8-31-00 to field #311G.
42. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes), ***DIRECT*** – Occupant: Fosters Campground, Route 701, Cobbs Creek 23035. Owner: PO Box 192, Hartfield 23071. Dwelling - silver "Airstream" camper trailer. 1 person. Kitchen waste hose to dump station cracked. Sanitary Notice issued 8-31-00 to field #311F.
43. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes), ***DIRECT*** – Occupant: Fosters Campground, Route 701, Cobbs Creek 23035. Owner: PO Box 192, Hartfield 23071. Dwelling - green, white and brown camper trailer. 1 person. Kitchen waste hose cracked. Sanitary Notice issued 8-31-00 to field #311E.
44. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes), ***DIRECT*** – Occupant: Fosters Campground, Route 701, Cobbs Creek 23035. Owner: PO Box 192, Hartfield 23071. Dwelling - olive green and white "Terry" camper trailer. 1 person. Kitchen waste hose not in place. Sanitary Notice issued 8-31-00 to field #311D.
45. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes), ***DIRECT*** – Occupant: Fosters Campground, Route 701, Cobbs Creek 23035. Owner: PO Box 192, Hartfield 23071. Dwelling - silver "Airstream" camper trailer. 1 person. Kitchen waste hose not in place. Sanitary Notice issued 8-31-00 to field #311C.
46. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes), ***DIRECT*** – Occupant: Fosters Campground, Route 701, Cobbs Creek 23035. Owner: PO Box 192, Hartfield 23071. Dwelling - silver "Airstream" camper trailer. 1 person. Kitchen waste hose not in place. Sanitary Notice issued 8-31-00 to field #311B.
47. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes), ***DIRECT*** – Occupant: Fosters Campground, Route 701, Cobbs Creek 23035. Owner: PO Box 192, Hartfield 23071. Dwelling - beige "Coachman" camper trailer. 1 person. Kitchen waste hose not secured to septic connection. Sanitary Notice issued 8-31-00 to field #311A.
52. CONTRIBUTES POLLUTION - Occupant: The Thalgen Corporation, Cobbs Creek 23035. Owner: PO Box 604, Mathews 23109. Business - shellfish processor. No contact. Unapproved plywood lid on septic tank, broken 4" PVC septic line to tank and septic clean-out cap missing; and

CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) - Processing and sink wastes discharge into an open trench behind building. Sanitary Notice issued 9-5-00 to field #286.

57. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) - Location: PO Box 218, Cobbs Creek 23035. Dwelling - white vinyl siding 1½ story with black shutters and a white vinyl siding garage. No contact. Broken lid on grease trap, exposing contents. Sanitary Notice issued 8-2-00 to field #180.
59. CONTRIBUTES POLLUTION - Location: PO Box 97, Cobbs Creek 23035. Dwelling - white house trailer. No contact. Broken clean-out cap on septic tank line. Sanitary Notice issued 7-12-00 to field #69.
60. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) - Location: PO Box 97, Cobbs Creek 23035. Dwelling - white vinyl siding 2 story with black shutters. No contact. Unapproved wooden lid on grease trap. Sanitary Notice issued 7-12-00 to field #68.
61. CONTRIBUTES POLLUTION - Location: PO Box 245, Cobbs Creek 23035. Dwelling - white frame 2 story with blue trim. 2 persons. Grey water from an indoor bathtub discharges through a 1½" white PVC pipe onto ground. Sanitary Notice issued 7-12-00 to field #51

POTENTIAL POLLUTION

1. Location: 8623 Buckboard Drive, Alexandria 22308. Dwelling - grey frame 1½ story cottage. No contact. Enclosed outdoor shower drains to an undetermined location 30' from Fishing Bay.
8. Location: PO Box 517, Urbanna 23175-5170. Dwelling - tan vinyl siding 1 story with white trim and a red door. No contact. A 1" black PVC pipe of undetermined origin exits foundation of house into yard. No evidence of discharge at time of inspection.
13. Location: HCR-01 Box 374J, Deltaville 23043-9700. Dwelling - white cement block 1 story with grey shutters. 4 persons. Owner stated that when the septic system backs up it overflows into a 1" black plastic pipe that is buried in the ground. No evidence of discharge at time of inspection.
15. Location: PO Box 385, Deltaville 23043. Business: carrier heating and air conditioning repair. 1 person. Observed onsite was approximately ¼ acre lot full of junked household appliances, cars and trucks, and other debris scattered throughout the property.
35. Location: HCR-01 Box 219, Hartfield 23071. Dwelling - tan frame 2¼ story with red trim and a white frame garage. No contact. A 1½" white PVC pipe of undetermined origin was observed exiting from the house to an adjacent field. No evidence of discharge at time of inspection.
40. Location: HCR-01 Box 209C, Hartfield 23071. Dwelling - gray frame 1½ story. 1 person. Observed onsite was a ¼ acre area around the house with junked cars and car parts scattered throughout the property.

54. Location: PO Box 73, Cobbs Creek 23035. Dwelling - brick 1 story with white trim and black shutters. No contact. A 2" white PVC pipe of undetermined origin was observed exiting rear wall of a detached garage. No evidence of discharge at time of inspection.

SECTION C: NON-SEWAGE WASTE SITES

INDUSTRIAL WASTES

17. Occupant: J&W Seafood of Virginia, Incorporated, Route 33, Deltaville 23043. Owner: Kevin Wade, PO Box 1109, Deltaville. Business - shellfish shucker packer (VA-9SP) and crabmeat processing plant (VA-134C). 15 employees. Plywood lid over holding tank for crab processing wastes.
18. Occupant: Deltaville Automotive and Truck Repair, Route 33, Deltaville 23043. Owner: HCR-01, Box 375-D, Deltaville. 5 employees. Observed onsite were 2x100 gal. used antifreeze barrels, 1x1000 gal. and 2x275 gal. used oil tanks without a berm. Tires are picked up every 2 weeks by Tire Disposal of Richmond.
49. Gene's Automotive Works, Cobbs Creek 23035. Business - general automotive repair and air conditioning work. 3 employees. Observed onsite were 4x55 gal. drums for used oil, 1x275 gal. used oil tank, and approximately 40 used tires. The oil tank and the drums were not enclosed inside a berm. Used oil is recycled by Eastern Oil Company of Richmond and tires are disposed of at the Middlesex County landfill.
52. Occupant: The Thalgen Corporation, Route 1101, Willow Oak Industrial Park, Cobbs Creek 23035. Owner: George Demarco, PO Box 604, Mathews 23109. Business - shellfish shipper (VA-353SS). No contact. Processing and sink wastes discharge into an open trench behind building.
53. R & W Marine Construction, PO Box 157, Cobbs Creek 23035. Business - dock, bulkhead and rip rap construction and installation. 4 employees. Observed onsite were 2x2500 gal. diesel fuel tanks and 1x2500 gal. unleaded fuel tank. Tanks are surrounded by a 2' concrete berm.
55. Ginney Point Marina (Peter Hall), PO Box 127, Cobbs Creek 23035. Commercial marina. 1 person. Present at time of survey was 1x560 gallon diesel fuel tank and 1x560 gallon unleaded fuel tank. Tanks are not surrounded by a berm.

SOLID WASTE DUMPSITES

51. Occupant: Cobbs Creek Automotive Shop, Cobbs Creek 23035. Owner: CCBW Partnership, PO Box 329, Cobbs Creek. Business - automotive repair and paint shop. 8 employees. Observed onsite was a ½ acre area behind the shop with junked cars, cargo trailers and automotive parts scattered throughout the property.

SECTION D: BOATING ACTIVITY

MARINAS

3. Ruark's Marina, end Route 1102 (Fishing Bay Trace), Deltaville 23043. Owner: 357 Fishing Bay Trace, Deltaville. Private marina. 3 employees. 72 slips/moorings available. Present at time of survey were 16 pleasure boats under 26' and 40 pleasure boats over 26'. Boating services provided are water and electricity. Containers are available for solid waste collection. Sanitary facilities provided are 2 commodes, 1 urinal, 2 lavatories, and 2 showers for men; and 2 commodes, 3 lavatories, and 2 showers for women. Sewage disposal is to a septic tank with drainfield, which appeared to be in satisfactory condition at time of inspection. Portable toilet dump station facilities and boat holding tank pump-out facilities are available at this location. The pump-out facilities were not operational at time of inspection.
4. Fishing Bay Trace, off Route 1102, Deltaville 23043. Owner: PO Box 340, Deltaville. Private marina. 2 employees. 12 slips/moorings available. Present at time of survey were 1 pleasure boat under 26' and 2 pleasure boats over 26'. Boating services provided are water and electricity. Containers are not available for solid waste collection. Sanitary facilities are provided at Fishing Bay Harbor's bath house, which is within 500' of the end of the pier. Portable toilet dump station facilities are not provided at this location. Owner has an exemption to the requirement to provide pump-out facilities.
5. Fishing Bay Harbor Marina, PO Box 340, Deltaville 23043. Commercial marina. 2 employees. 106 slips/moorings available. Present at time of survey were 12 pleasure boats under 26' and 70 pleasure boats over 26'. Boating services provided are fuel, water, electricity, and an in-out ramp. Containers are available for solid waste collection. Sanitary facilities provided are 4 commodes, 2 urinals, 4 lavatories, and 5 showers for men; and 6 commodes, 4 lavatories, and 6 showers for women. Sewage disposal is by a septic tank with drainfield, which appeared to be in satisfactory condition at time of inspection. Portable toilet dump station facilities and boat holding tank pump-out facilities are provided at this location. The pump-out facilities were not operational at time of inspection.
6. Deagles Boatyard, HCR-01 Box 326A, Deltaville 23043. Boat repair yard. 6 employees. 5 seasonal slips/moorings available. Present at time of survey were 20 pleasure boats over 26' in dry storage. The only boating service available is repair. Containers are available for solid waste collection. Sanitary facilities provided are 1 commode, 1 urinal, 1 lavatory, and 1 shower for men; and 1 commode, 1 lavatory, and 1 shower for women. Sewage disposal is to a septic tank with drainfield, which appeared to be in satisfactory condition at time of inspection. Portable toilet dump station facilities and boat holding tank pump-out facilities are provided at this location.
11. Porpoise Cove Marina, PO Box 888, Deltaville 23043. Private marina. 2 employees. 21 slips/moorings available. Present at time of survey were 7 pleasure boats under 26' and 6 pleasure boats over 26'. Boating services provided are water and electricity. Containers are available for solid waste collection. Sanitary facilities

provided are 1 commode, 1 urinal, 2 lavatories, and 2 showers for men; and 2 commodes, 2 lavatories, and 2 showers for women. Sewage disposal is to a septic tank with drainfield, which appeared to be in satisfactory condition at time of inspection. There are no portable toilet dump station facilities or boat holding tank pump-out facilities provided at this location.

32. Chick Cove Marina, end of Chick Cove Drive, Deltaville 23043. Owner: 75 Pasture Road, Poquoson 23662. Private marina for subdivision residents. No contact. 24 slips available. Present at time of survey were 3 pleasure boats under 26' and 17 pleasure boats over 26'. Boating services provided are electricity, water and an in-out ramp. Containers are not available for solid waste collection. Sanitary facilities provided are 1 commode, 1 lavatory, 1 shower and 1 urinal for men; and 1 commode and 1 lavatory for women. Sewage disposal is to a septic tank with drainfield, which appeared to be in satisfactory condition at time of inspection. Boat holding tank pump-out facilities and portable toilet dump station facilities are provided at this location.
33. Horse Point, end of Route 1040, Deltaville 23043. Owner: 324 Greenway Lane, Richmond 23226. Private community marina. No contact. 10 slips/moorings available. Present at time of survey were 4 pleasure boats under 26' and 1 pleasure boat over 26'. Boating services provided are electricity and water. Containers are not available for solid waste collection. There are no portable toilet dump station facilities provided at this location. Owner has a variance to the requirement to provide sanitary facilities and an exemption to the requirement to provide boat holding tank pump-out facilities.
36. The Coves at Wilton Creek (Villas), end of Heron Cove Drive, Deltaville 23043. Owner: The Coves at Wilton Creek, Limited, c/o Gene Kohler, 301 Maple Avenue West, Suite 600, Vienna 22511. Private community marina. No contact. 32 slips available. Present at time of survey were 15 pleasure boats under 26' and 10 pleasure boats over 26' in wet slips. Boating services provided are electricity and water. There are no containers for solid waste collection, sanitary facilities, portable toilet dump station facilities or boat holding tank pump-out facilities provided at this location.
38. The Coves at Wilton Creek (Condominiums), end of Wilton Creek Drive South, Deltaville 23043. Owner: The Coves at Wilton Creek, Limited, c/o Gene Kohler, 301 Maple Avenue West, Suite 600, Vienna 22511. Private community marina. No contact. 52 slips available. Present at time of survey were 7 pleasure boats under 26' and 6 pleasure boats over 26'. Boating services provided are electricity and water. Containers are not available for solid waste collection. Boat holding tank pump-out facilities are provided at this location. Owner has an exemption to the requirement to provide sanitary facilities and portable toilet dump station facilities.
48. Fosters Campground and Marina, end of Route 701, Cobbs Creek 23035. Owner: PO Box 192, Hartfield 23071. Private marina. 2 persons. 8 slips/moorings/6 dry storage spaces available. Present at time of survey were 6 pleasure boats under 26' in dry storage. Boating services provided are electricity, water and an in-out ramp. Containers are available for solid waste collection. Sanitary facilities provided are 1 commode and 1 lavatory for men, 1 commode and 1 lavatory for women, and 1

unisex shower. Sewage disposal is to septic tank with drainfield, which appeared to be in satisfactory condition at time of inspection. Portable toilet dump station facilities are provided at this location. Owner has an exemption to the requirement to provide boat holding tank pump-out facilities.

55. Ginney Point Marina, PO Box 127, Cobbs Creek 23035. Commercial marina. 1 person. 29 slips available. Present at time of survey were 14 pleasure boats under 26' and 10 pleasure boats over 26'; and in dry storage there were 7 pleasure boats under 26' and 2 pleasure boats over 26'. Boating services provided are fuel, electricity, water and an in-out ramp. Containers are available for solid waste collection. Sanitary facilities provided are 1 commode, 1 lavatory and 1 shower for men; and 1 commode, 1 lavatory and 1 shower for women. Sewage disposal is to septic tank with drainfield, which appeared to be in satisfactory condition at time of inspection. Portable toilet dump station facilities and boat holding tank pump-out facilities are provided at this location.
56. Hudgins Point Estates, PO Box 69, Cobbs Creek 23035. Private marina. 1 person. 15 slips/moorings available. Present at time of survey were 4 pleasure boats under 26' and 4 pleasure boats over 26'. Boating services provided are electricity and water. Containers are not available for solid waste collection. Owner has an exemption to the requirements to provide sanitary facilities, portable toilet dump station facilities and boat holding tank pump-out facilities at this location.

OTHER PLACE WHERE BOATS ARE MOORED

14. Armstead Pier, PO Box 961, Deltaville 23043. Private pier. 2 persons. 3 slips/moorings available. There were no boats present at time of survey. There are no boating services, containers for solid waste, portable toilet dump station facilities or boat holding tank pump-out facilities provided at this location. Owners have an exemption to the requirement to provide onshore sanitary facilities.
58. Cobbs Shores pier, end of Route 723, Cobbs Creek 23035. Owner: Cobbs Shores Dock Association, PO Box 43, Cobbs Creek 23035. Private community pier. No contact. 14 slips/moorings available. Present at time of survey was 1 pleasure boat over 26'. There are no boating services or containers for solid waste collection available at this location. Owners have an exemption to the requirements to provide sanitary facilities, portable toilet dump station facilities and boat holding tank pump-out facilities.

UNDER SURVEILLANCE

9. Pine Crest Cove, PO Box 337, Deltaville 23043. Private pier. No contact. 2 slips/moorings available. There were no boats present at time of survey. There were no boating services, containers for solid waste or boat holding tank pump-out facilities provided at this location. Owner has an exemption to the requirement to provide sanitary facilities and portable toilet dump station facilities.

SECTION E: CONTRIBUTES ANIMAL POLLUTION

31. Location: PO Box 6, Deltaville 23043. Dwelling - cream vinyl siding 1½ story with white trim. 1 person. Present at time of survey were 5 horses in a fenced corral and 25 domestic fowl in pen. Manure is left on ground.
50. Location: PO Box 39, Cobbs Creek 23035. Dwelling - white vinyl siding 1½ story with black shutters. 3 persons. Present at time of survey were 1500 egg laying chickens inside a building. Manure is spread onto adjacent fields.
62. ***DIRECT*** – Location: Cobbs Creek 23035. Agricultural- cow pasture. No contact. Present at time of survey were approximately 20 cows with direct access to an unnamed cove on the Piankatank River. Manure disposal is unknown.

SUMMARY

Area # 034
Piankatank River, Lower
15 September 2000

SECTION B: SEWAGE POLLUTION SOURCES

1. SEWAGE TREATMENT WORKS

0 – DIRECT – None
1 – INDIRECT – # 37
1 – B.1. TOTAL

2. ONSITE SEWAGE DEFICIENCIES

2 – CONTRIBUTES POLLUTION, DIRECT – # 2, 39
10 – CONTRIBUTES POLLUTION, INDIRECT – # 10, 12, 16, 17, 20, 21, 27, 52, 59,
61
7 – CP (Kitchen or Laundry Wastes), DIRECT – # 41, 42, 43, 44, 45, 46, 47
14 – CP (Kitchen or Laundry Wastes), INDIRECT – # 7, 19, 21, 22, 23, 24, 26, 28,
29, 30, 34, 52, 57, 60
1 – NO FACILITIES, DIRECT – # 36
1 – NO FACILITIES, INDIRECT – # 25
35 – B.2. TOTAL

3. POTENTIAL POLLUTION

7 – POTENTIAL POLLUTION – # 1, 8, 13, 15, 35, 40, 54

SECTION C: NON-SEWAGE WASTE SITES

1. INDUSTRIAL WASTE SITES

0 – DIRECT – None
6 – INDIRECT – # 17, 18, 49, 52, 53, 55
6 – C.1. TOTAL

2. SOLID WASTE DUMPSITES

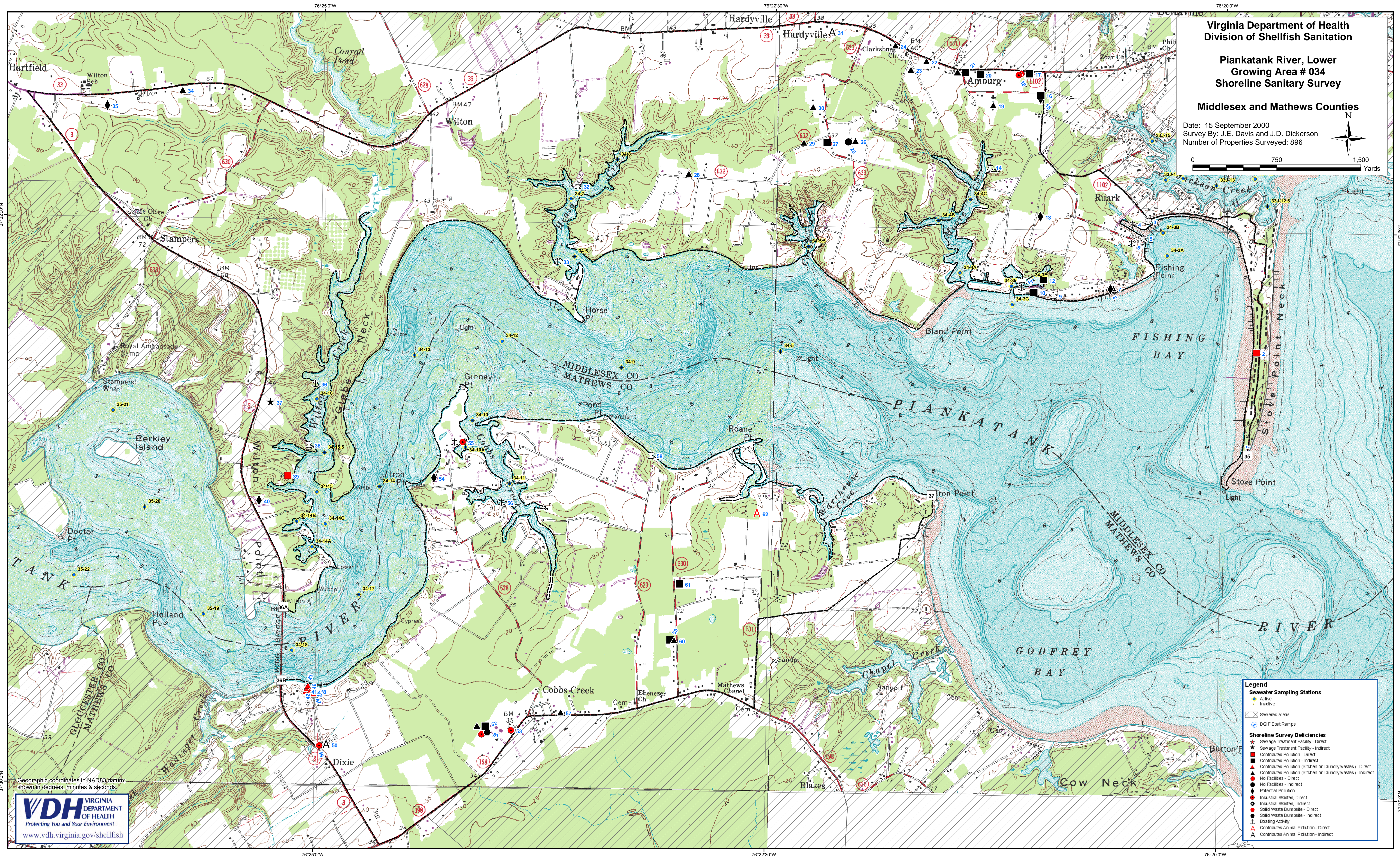
0 – DIRECT – None
1 – INDIRECT – # 51
1 – C.2. TOTAL

SECTION D: BOATING ACTIVITY

12 – MARINAS – # 3, 4, 5, 6, 11, 32, 33, 36, 38, 48, 55, 56
2 – OTHER PLACES WHERE BOATS ARE MOORED – # 14, 58
1 – UNDER SURVEILLANCE – # 9
15 – D. TOTAL

SECTION E: CONTRIBUTES ANIMAL POLLUTION

1 – DIRECT – # 62
2 – INDIRECT – # 31, 50
3 – E. TOTAL

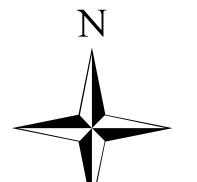


Virginia Department of Health
Division of Shellfish Sanitation

Piankatank River, Lower
Growing Area # 034
Shoreline Sanitary Survey

Middlesex and Mathews Counties

Date: 15 September 2000
Survey By: J.E. Davis and J.D. Dickerson
Number of Properties Surveyed: 896



0 750 1,500
Yards

Geographic coordinates in NAD83 datum,
shown in degrees, minutes & seconds.



- Legend**
- Seawater Sampling Stations**
- Active
 - Inactive
- Shoreline Survey Deficiencies**
- Sewered areas
 - DGI/F Boat Ramps
 - Sewage Treatment Facility - Direct
 - Sewage Treatment Facility - Indirect
 - Contributes Pollution - Direct
 - Contributes Pollution - Indirect
 - Contributes Pollution (Kitchen or Laundry wastes) - Direct
 - Contributes Pollution (Kitchen or Laundry wastes) - Indirect
 - No Facilities - Direct
 - No Facilities - Indirect
 - Potential Pollution
 - Industrial Wastes, Direct
 - Industrial Wastes, Indirect
 - Solid Waste Dumpsite - Direct
 - Solid Waste Dumpsite - Indirect
 - Boating Activity
 - Contributes Animal Pollution - Direct
 - Contributes Animal Pollution - Indirect